

#1½/A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lorin R. DeBonte, et al. Art Unit : Unknown
 Serial No. : Examiner : Unknown
 Filed :
 Title : FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF

Commissioner for Patents
 Washington, D.C. 20231

PRELIMINARY AMENDMENTIn the Specification

After the specification and before the claims please insert the enclosed Sequence Listing as pages 51-81. Please renumber original pages 51-59 as 82-90, respectively.

At page 1, line 26, please delete "In." and insert therefor --In--.

At page 8, line 11, please delete "on" and insert therefor --as--.

At page 11, line 7, please delete "WO 94/115116" and insert therefore --WO 94/11516--.

At page 12, line 12, please delete "WO 94/115116" and insert therefore --WO 94/11516--.

At page 43, lines 16-19, please delete "non-polar residue, leucine, for a polar residue, histidine" and insert therefor --polar residue, histidine, for a non-polar residue, leucine--.

At page 44, line 23, after "3'", please insert --(SEQ ID NO:19--). At line 24, after "3'", please insert --(SEQ ID NO:20--). At line 26, after "3'", please insert --(SEQ ID NO:21)--. At line 27, after "3'", please insert --(SEQ ID NO:22)--.

At page 49, line 7, after "CAUCAUCAUCAUCAUCTTCTCGTAGGGTTCATCG", please insert --(SEQ ID NO:23)--. At line 8, after

"CUACUACUACUATCATAGAAGAGAAAGGTTCAAG", please insert --(SEQ ID NO:24)--.

At line 13, after "3'", please insert --(SEQ ID NO:25)--. At line 14, after "3'", please insert --(SEQ ID NO:26)--.

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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